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TITLE	The Periodic Table. Physical Science in Action[TM]. Schlessinger Science Library. [Videotape].
ISBN	ISBN-1-57225-304-5
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NOTE	0p.; For other videotapes in series, see SE 066 251-261. Teacher's Guide is available from http://www.libraryvideo.com. Eleven-volume set can be purchased for $329.45.
AVAILABLE FROM	Schlessinger Media, P.O. Box 580, Wynnewood, PA 19096-0580 (23-minute videotape, $29.95). Tel: 800-843-3620 (Toll Free); Fax: 610-645-4050; Web site: http://www.libraryvideo.com.
PUB TYPE	Guides - Classroom - Teacher (052) -- Non-Print Media (100)
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IDENTIFIERS	Atoms; *Periodic Table

ABSTRACT

Kids know that when they are lost, they look at a map to find their way. It's no different in the world of science, as they'll learn in The Periodic Table--a fun and engaging look at the road map of the elements. Young students will learn about key information included on the table, including atomic number, atomic mass and chemical symbol. They'll learn about the creator of the original periodic table, Dimitri Mendeleev, and discover how he grouped elements together based on their similar properties. The arrangement of the modern table is covered in depth, including a look at the periods, groups and the various families of elements. Kids are introduced to the concept of electron shells and how they are involved in the bonding of atoms, and why some elements are highly reactive while others are very stable. Includes fun visuals, colorful graphics and a hands-on activity, which demonstrates that different elements have different chemical properties. This program is based on the concepts outlined in the National Science Education Standards for Physical Science: Properties and Changes of Properties of Matter, Motions and Forces and Transfer of Energy. This program includes a teacher's guide. (Author)

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